

## PGC1 alpha Recombinant Protein | PGC1alpha recombinant protein

Recombinant Human PGC1 alpha

CATALOG #  
**AAA249526**

HOST  
**E Coli**

### PRODUCT SYNONYMS

PGC1 alpha; Recombinant Human PGC1 alpha; L PGC 1alpha; LEM6; Ligand effect modulator 6; Peroxisome proliferative activated receptor gamma coactivator 1; Peroxisome proliferative activated receptor gamma coactivator 1 alpha; Peroxisome proliferator activated receptor gamma coactivator 1 alpha; Peroxisome proliferator activated receptor gamma coactivator 1 alpha transcript variant B4; PGC1alpha recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli                                                                                                                                                                                                                                                                                                                                                                                |
| Purity/Purification     | Greater than 95%, determined by SDS-PAGE                                                                                                                                                                                                                                                                                                                                              |
| Form/Format             | Lyophilized from a 0.2um filtered solution in 10 mM Hepes, 500 mM NaCl with 5% trehalose, pH 7.4                                                                                                                                                                                                                                                                                      |
| Sequence Positions      | 481-798                                                                                                                                                                                                                                                                                                                                                                               |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                 |
| Tag                     | N-terminal His-IF2DI tag                                                                                                                                                                                                                                                                                                                                                              |
| Reconstitution          | Centrifuge the vial prior to opening, reconstitute in sterile distilled water or buffer of interest to a concentration of 0.1-1 mg/ml by gently pipetting 2-3 times, do not vortex.                                                                                                                                                                                                   |
| Preparation and Storage | The lyophilized protein is stable at -20°C for up to 1 year.<br>The protein solution can be stored at 2-8°C for up to 1 week.<br>For extended storage, it is recommended to further dilute in a buffer containing 0.1 BSA (make sure BSA will NOT interfere with your experiment) and store in working aliquots at -20°C to -80°C for 6 months.<br>Avoid repeated freeze/thaw cycles. |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">7019499</a>                                                                                                                                                                                                                                         |
| NCBI GeneID                      | <a href="#">10891</a>                                                                                                                                                                                                                                           |
| NCBI Accession #                 | <a href="#">NP_037393.1</a>                                                                                                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | <a href="#">NM_013261.3</a>                                                                                                                                                                                                                                     |
| UniProt Accession #              | <a href="#">Q9UBK2</a> ; <a href="#">Q4W5M7</a> ; <a href="#">Q9UN32</a>                                                                                                                                                                                        |
| Molecular Weight                 | 58.5 kDa                                                                                                                                                                                                                                                        |
| NCBI Official Full Name          | peroxisome proliferator-activated receptor gamma coactivator 1-alpha                                                                                                                                                                                            |
| NCBI Official Synonym Full Names | peroxisome proliferator-activated receptor gamma, coactivator 1 alpha                                                                                                                                                                                           |
| NCBI Official Symbol             | PPARGC1A                                                                                                                                                                                                                                                        |
| NCBI Official Synonym Symbols    | LEM6; PGC1; PGC1A; PGC-1v; PPARGC1; PGC-1(alpha)                                                                                                                                                                                                                |
| NCBI Protein Information         | peroxisome proliferator-activated receptor gamma coactivator 1-alpha; PGC-1-alpha; L-PGC-1alpha; PPARGC-1-alpha; ligand effect modulator-6; PPAR gamma coactivator variant form; peroxisome proliferator-activated receptor gamma coactivator 1 alpha transcrip |

|                            |                                                                         |
|----------------------------|-------------------------------------------------------------------------|
| UniProt Protein Name       | Peroxisome proliferator-activated receptor gamma coactivator 1-alpha    |
| UniProt Gene Name          | PPARGC1A                                                                |
| UniProt Synonym Gene Names | LEM6; PGC1; PGC1A; PPARGC1; PGC-1-alpha; PPAR-gamma coactivator 1-alpha |
| UniProt Entry Name         | PRGC1_HUMAN                                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ppargc1a-recombinant-protein-e-coli/249526>